

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. **(Currently Amended)** A copolymer having polyamide blocks and polyether blocks, in which:
 - the polyether blocks essentially consist of PTMG having a number-average molar mass M_n , of ~~between 200 to and~~ 4000 g/mol;
 - the polyamide blocks are formed from a linear (noncyclic, nonbranched) aliphatic predominantly semicrystalline monomer and from a sufficient amount of at least one comonomer to reduce their crystallinity, while remaining immiscible with the polyether amorphous blocks; and
 - the shore D hardness is ~~between 20 to and~~ 70.

2. **(Currently Amended)** The copolymer as claimed in claim 1, in which the predominantly semicrystalline monomer is ~~chosen from~~ 11-aminoundecanoic acid or and lauryllactam.

3. **(Original)** The copolymer as claimed in claim 1, in which the predominantly semicrystalline monomer is a diamine associated with a diacid, both these being aliphatic and linear.

4. **(Currently Amended)** The copolymer as claimed in claim 3, in which the aliphatic diamine has ~~from~~ 6 to 12 carbon atoms and the aliphatic diacid has ~~from~~ 9 to 12 carbon atoms.

5. **(Currently Amended)** The copolymer as claimed in claim 1, in which the comonomer introduced in order to reduce the crystallinity is a lactam, an alpha, omega-

aminocarboxylic acid or a cyclic diamine associated with a diacid.

6. **(Previously Presented)** The copolymer as claimed in claim 1, in which the polyamide blocks are formed from lactam 12 (predominantly crystalline) and IPD 10 (isophorone diamine and sebacic acid).

7. **(Previously Presented)** The copolymer as claimed in claim 1, in which the polyamide blocks are formed from lactam 12 (predominantly crystalline) and from PACM 12 (PACM 20 and C₁₂ diacid).

8. **(Previously Presented)** The copolymer as claimed in claim 1, in which the polyamide blocks are formed from lactam 12 (predominantly crystalline) and either lactam 6 or 11-amino-undecanoic acid or lactam 6 and 11-amino-undecanoic acid.

9. **(Currently Amended)** The copolymer as claimed in claim 1, in which the crystalline monomer represents at least 55%, ~~and preferably at least 70%~~, by weight of the constituents of the polyamide blocks.

10. **(Currently Amended)** The copolymer as claimed in claim 1, in which the amount of polyether blocks is ~~from~~ 10 to 40% by weight of the copolymer.

11. **(Currently Amended)** The copolymer as claimed in claim 1, in which the mass M_n of the polyether blocks is advantageously between 300 to and 1100.

12. **(Currently Amended)** The copolymer as claimed in claim 1, in which the Shore D hardness is ~~between~~ 40 to and 70.

13. **(Previously Presented)** An article manufactured with the copolymers as claimed in claim 1.

14. (New) The copolymer as claimed in claim 1, in which the crystalline monomer represents at least 70% by weight of the constituents of the polyamide blocks.